

(2) Please insert the following "CLEAN VERSION OF AMENDED ABSTRACT" at the end of the specification. A marked-up version of this section is set out after the signatory page of this Amendment. The new abstract is also included in the substitute specification. No new matter is added.

CLEAN VERSION OF AMENDED ABSTRACT

ABSTRACT

A¹ A digital camera system is provided to measure a moving sportsman, for example to determine peak altitude, spin ratio and airtime. A wireless triangulation system is provided to track a moving sportsman to determine metrics such as peak altitude, rotation, drop distance and airtime. A stride-rate system is provided to determine stride-rate or to assist in training for sports such as roller-blading.

(3) Please amend claims 1-11 as in the following "CLEAN VERSION OF AMENDED CLAIMS." The marked up version of the amended claims is set out after the signatory page of this Amendment. Also included on a separate page is a clean set of all pending claims, entitled "CLEAN SET OF ALL PENDING CLAIMS."

CLEAN VERSION OF AMENDED CLAIMS

1. (Once amended) A method for determining peak altitude of a moving sportsman, comprising:

A² viewing the sportsman through a digital camera;
assessing frames of data provided by the digital camera to locate motion within the frames of data; and
determining the peak altitude by comparing the highest point of motion by the sportsman within the frames of data to a reference object.

7. (Once amended) A method of claim 1, further comprising the step of capturing the frames of data at at least 30Hz.

8. (Once amended) A method of determining the airtime of a moving sportsman, comprising the steps of mounting a radio beacon on the sportsman, monitoring the location of the sportsman through triangulation to determine the location of the sportsman over time, and determining the airtime from the location over time.

9. (Once amended) A method of claim 8, further comprising determining a peak speed of the sportsman during motion of the sportsman by evaluating the location through successive time intervals.

10. (Once amended) A method of claim 8, further comprising determining a final speed of the sportsman just prior to a landing by determining a final speed of the sportsman just prior to the landing.

11. (Once amended) A method of claim 8, further comprising determining the airtime of the sportsman by evaluating the motion of the sportsman through the air from a first ground location to a landing location.

12. (New) A method of claim 7, further comprising the step of capturing the frames of data at more than 60Hz.